

FIG.1 PRIOR ART

2/20

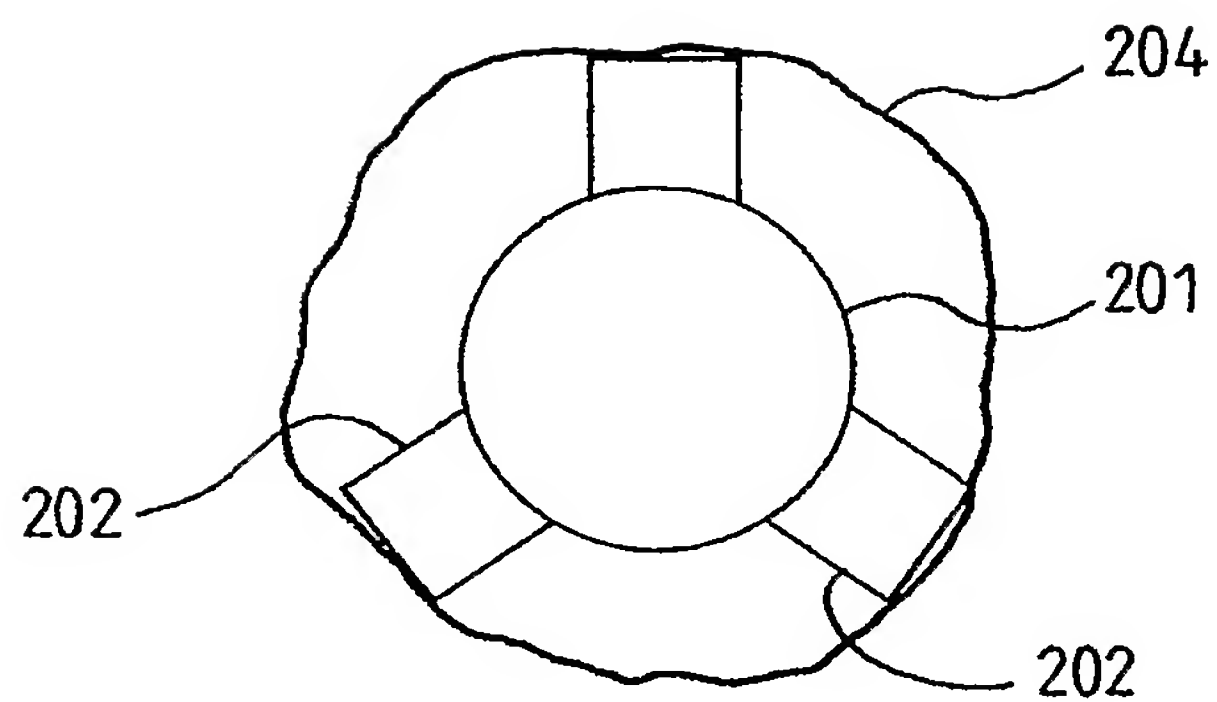


FIG. 2 PRIOR ART

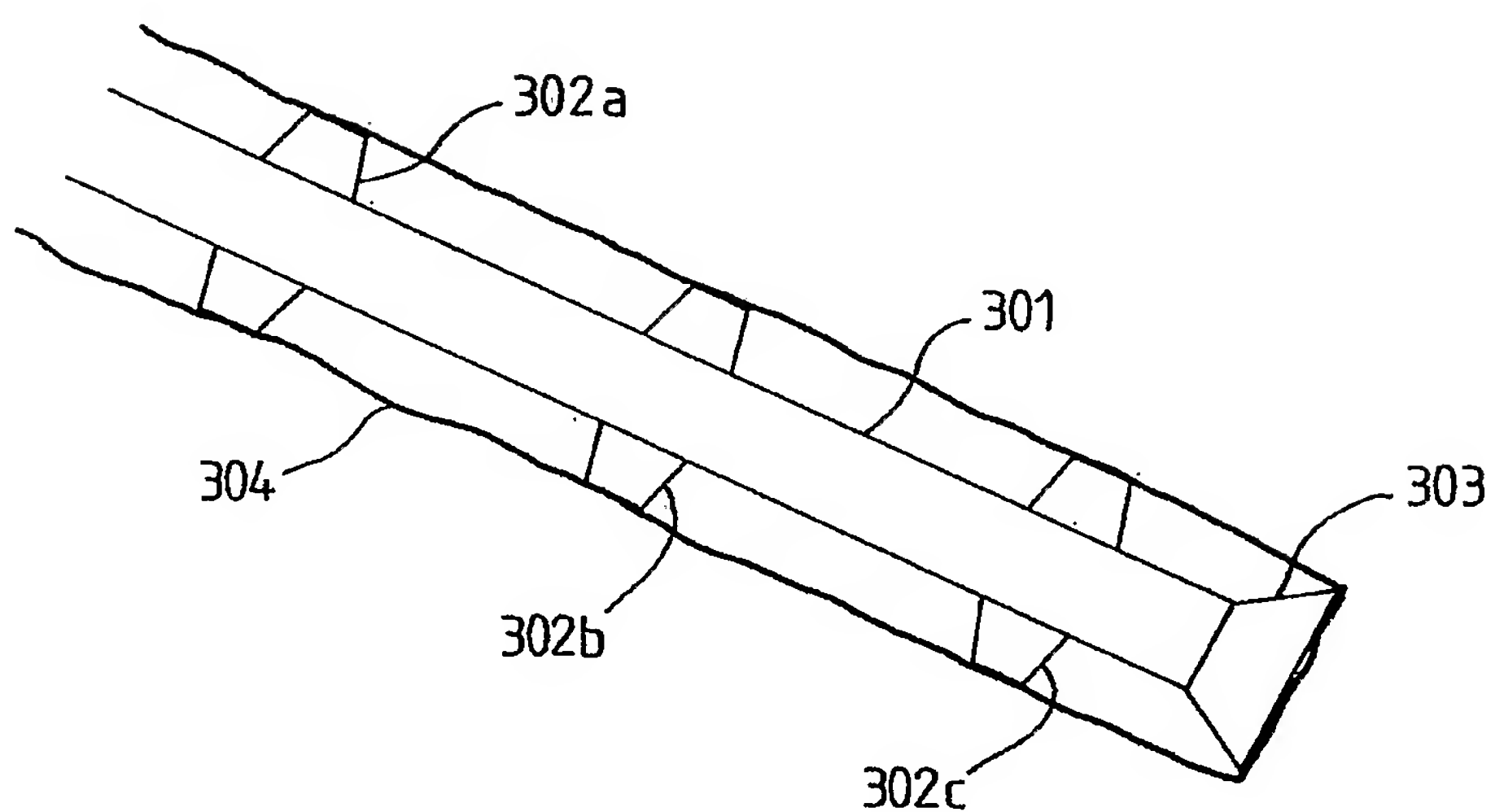


FIG. 3A PRIOR ART

3/20

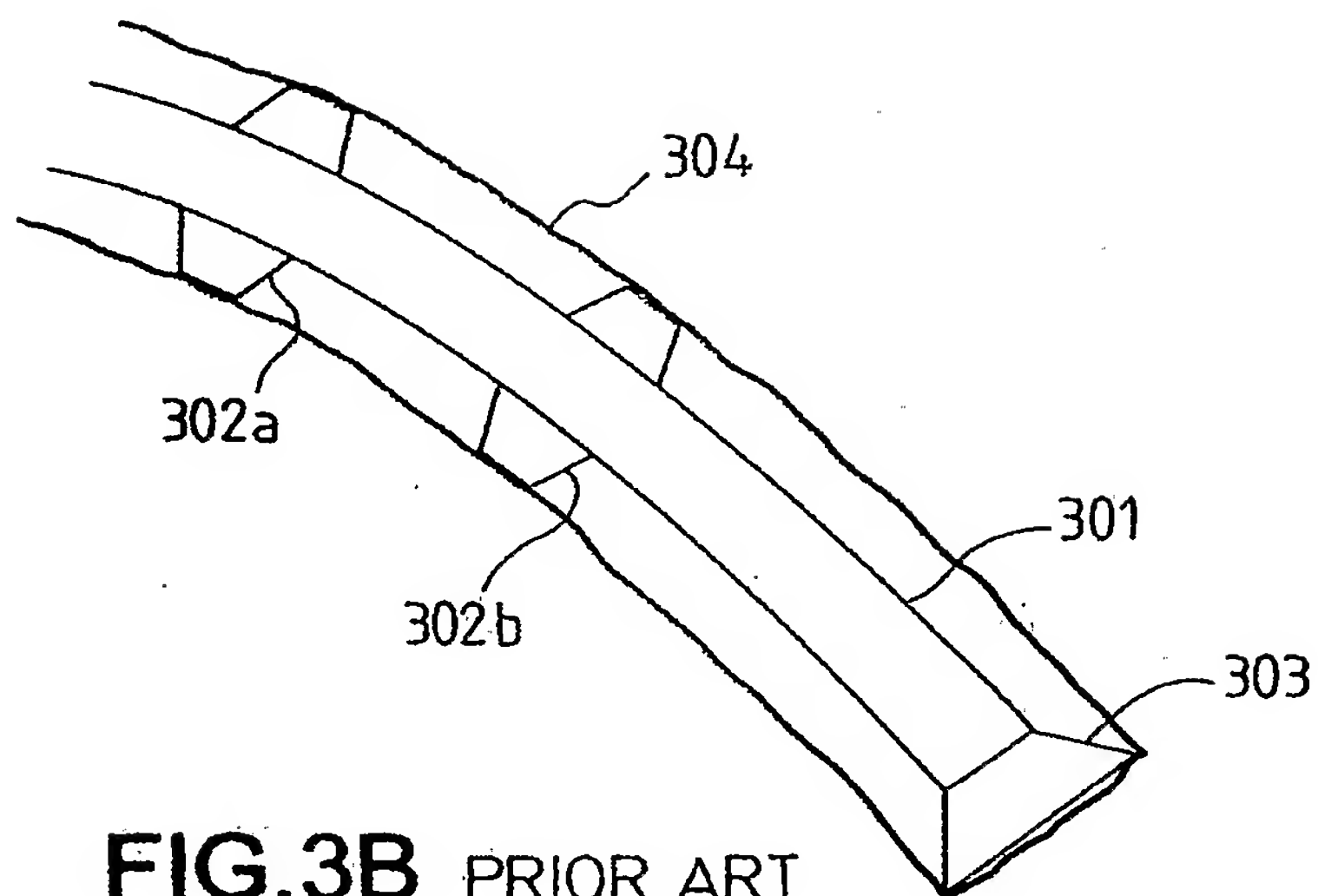


FIG. 3B PRIOR ART

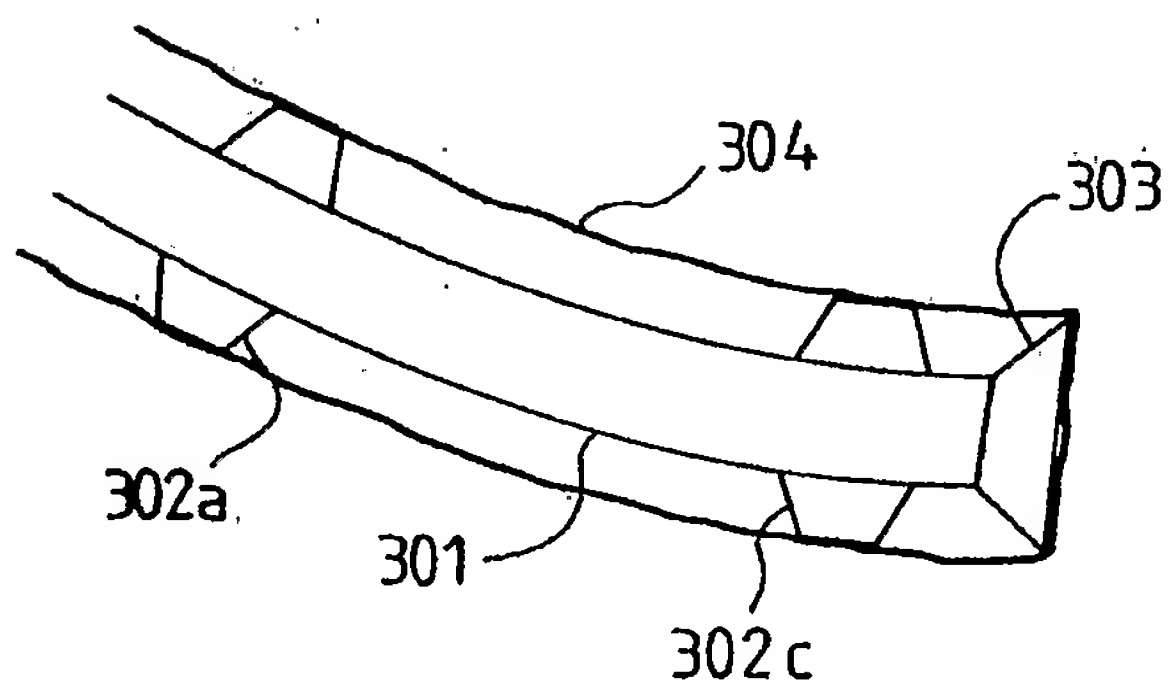


FIG. 3C PRIOR ART

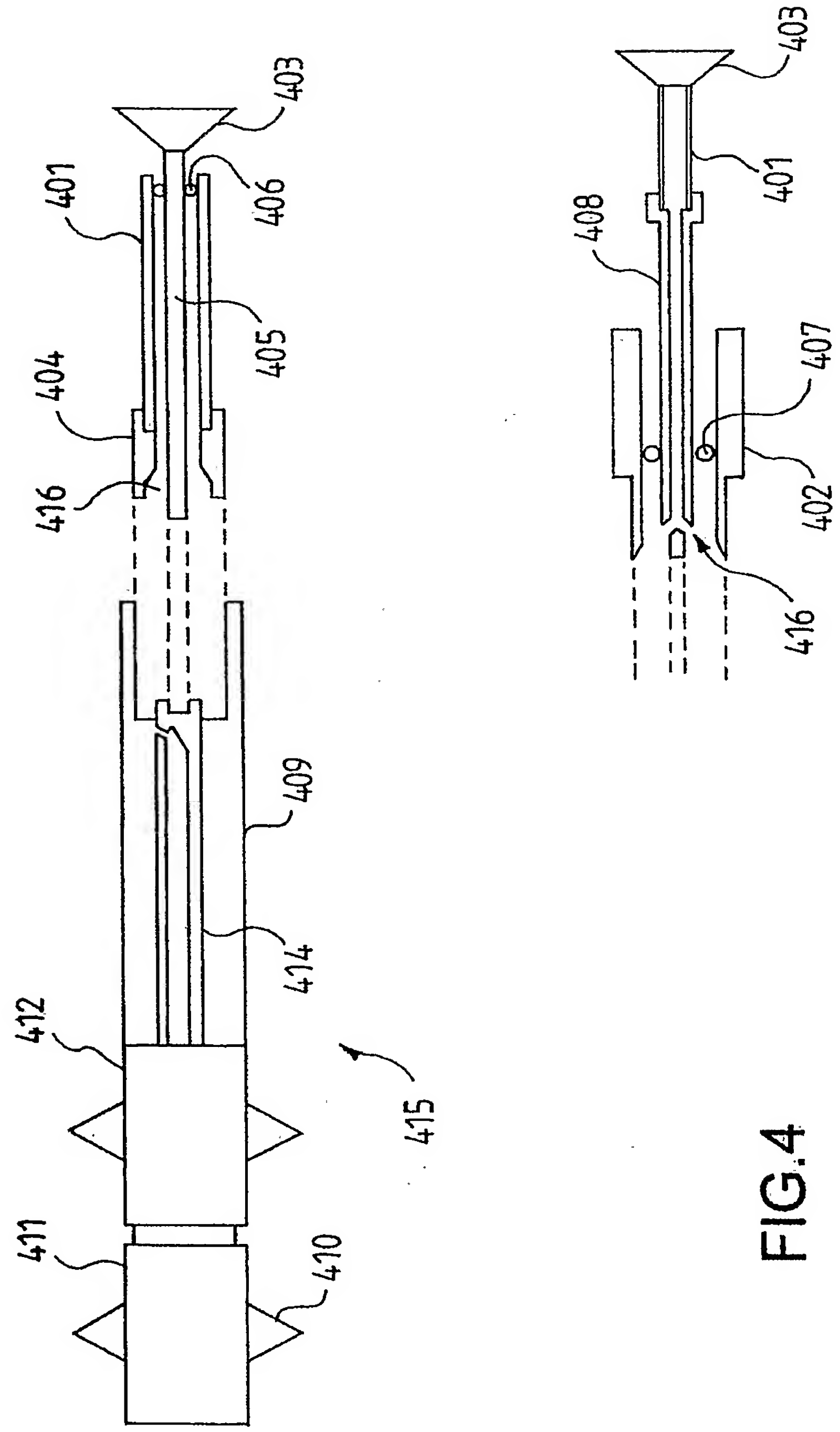


FIG.4

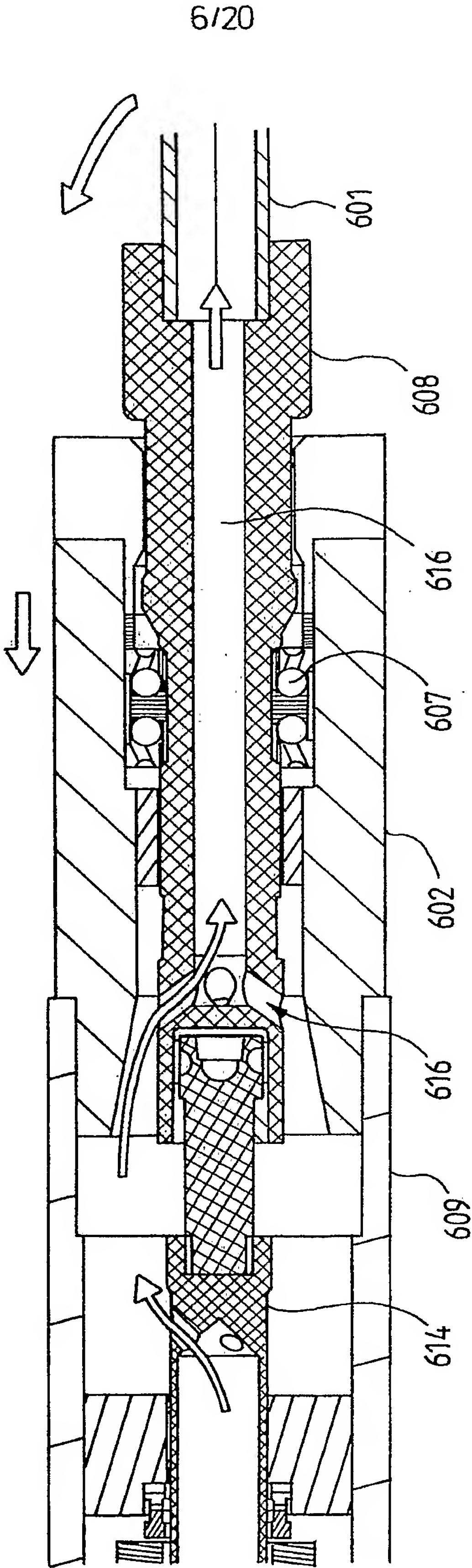


FIG.6

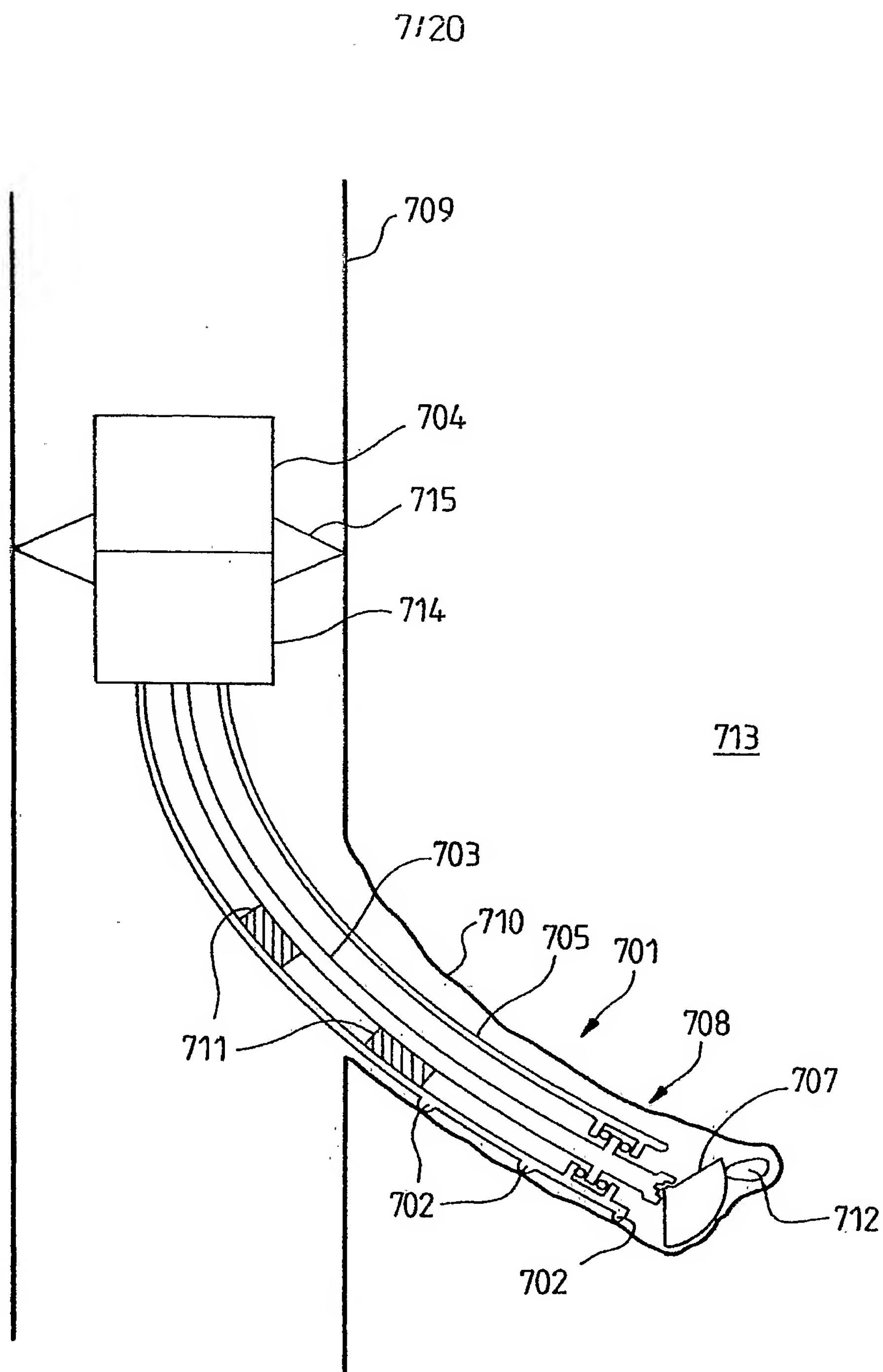


FIG. 7

8/20

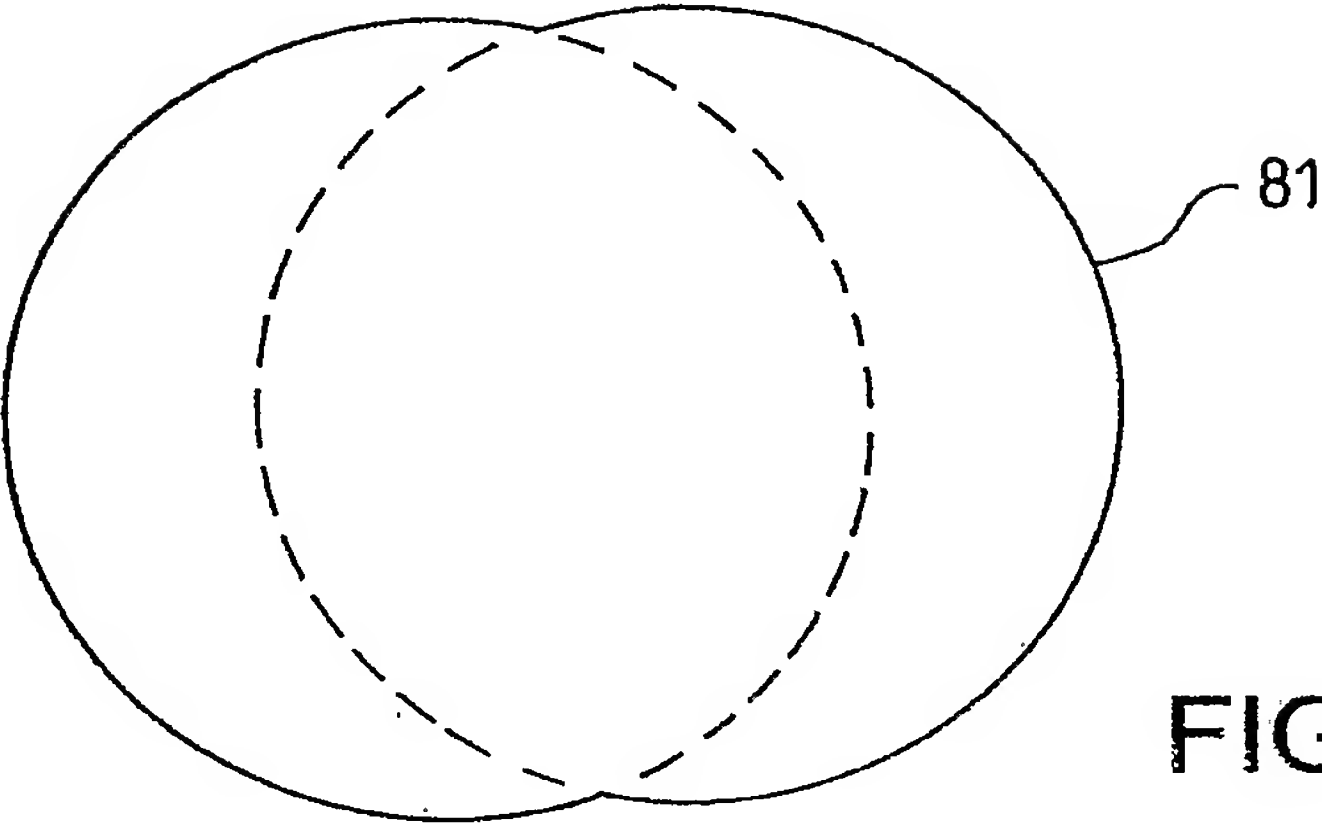


FIG. 8A

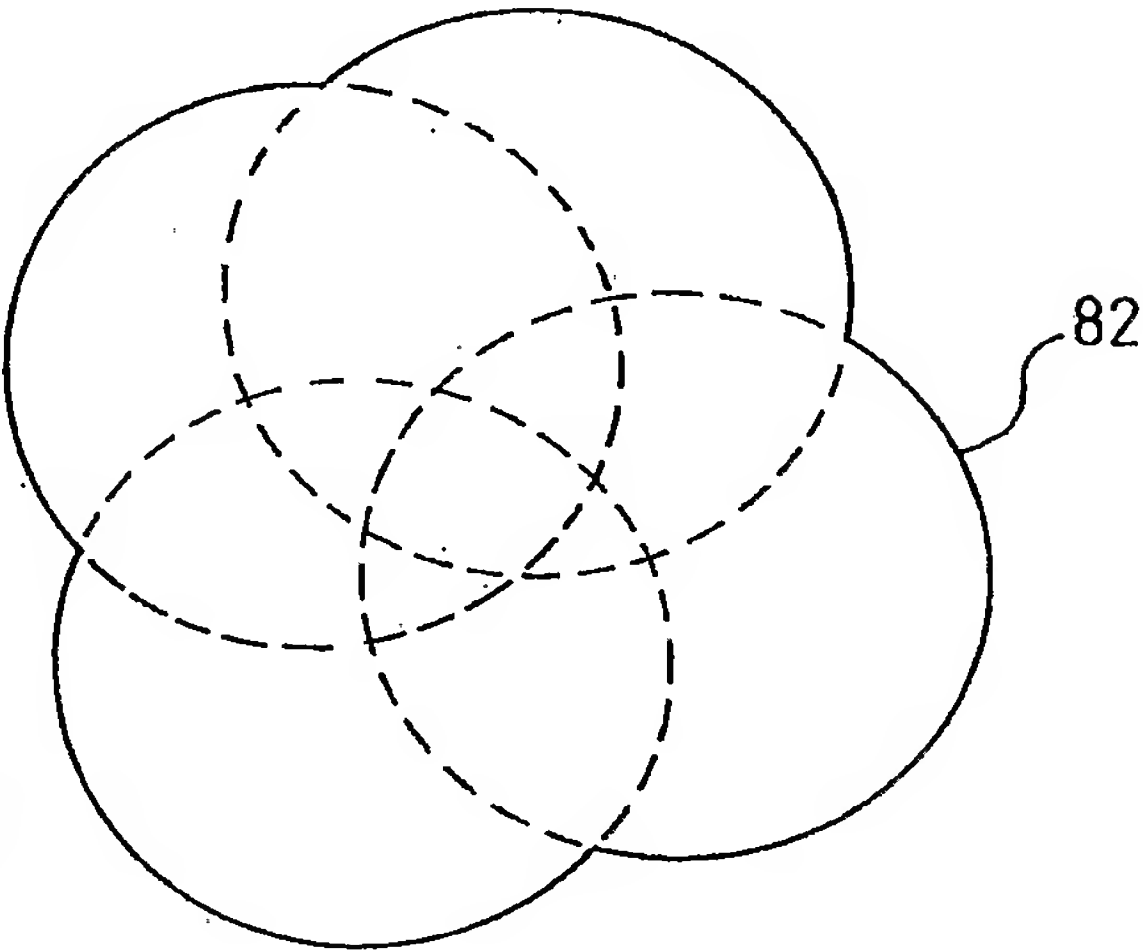


FIG. 8B

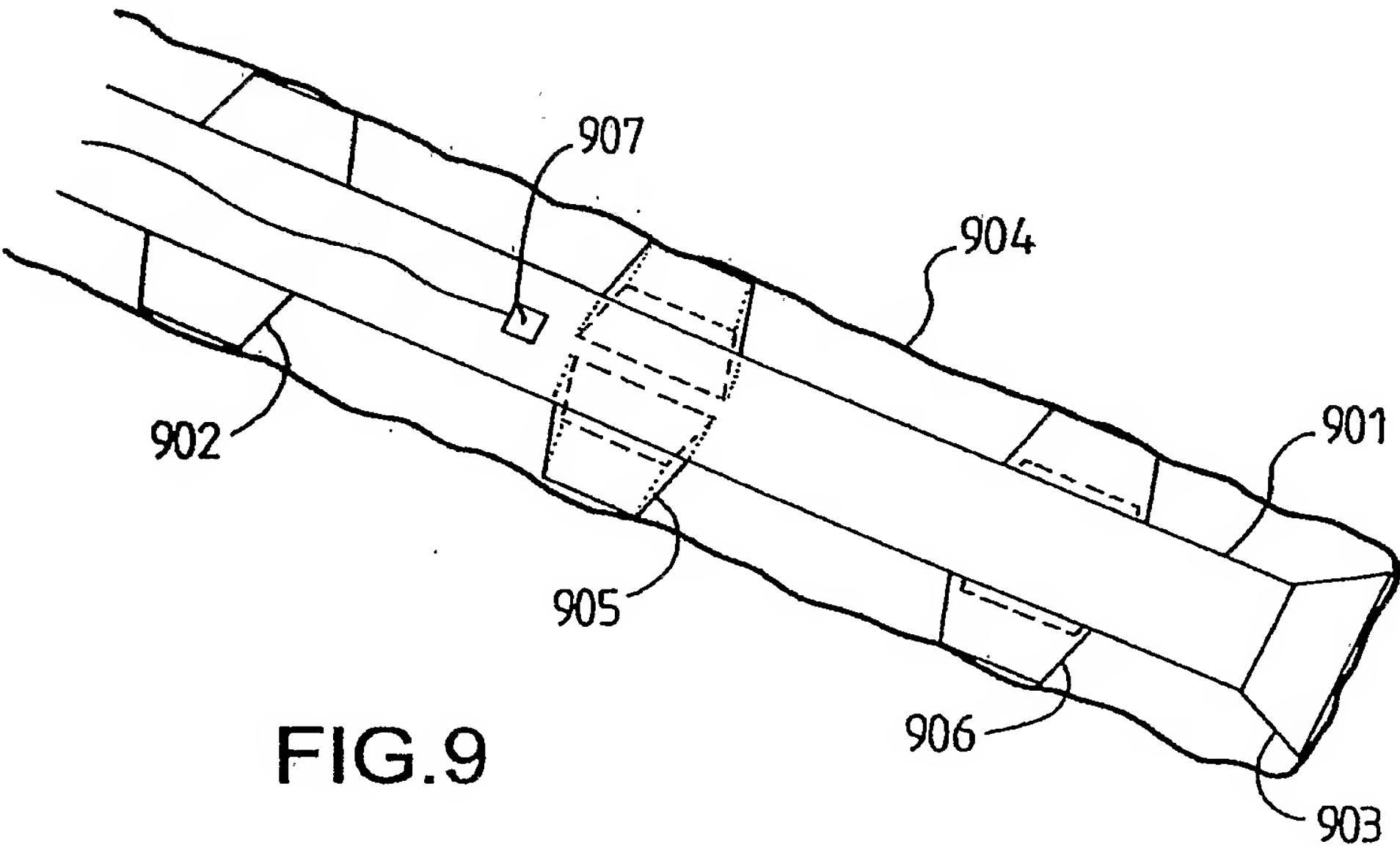
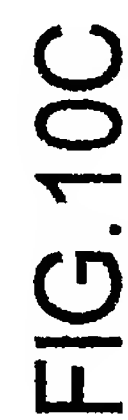
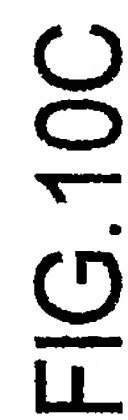
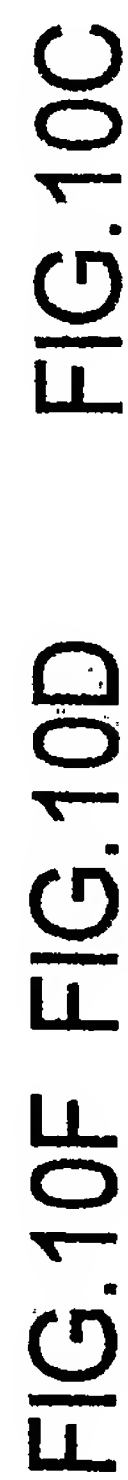
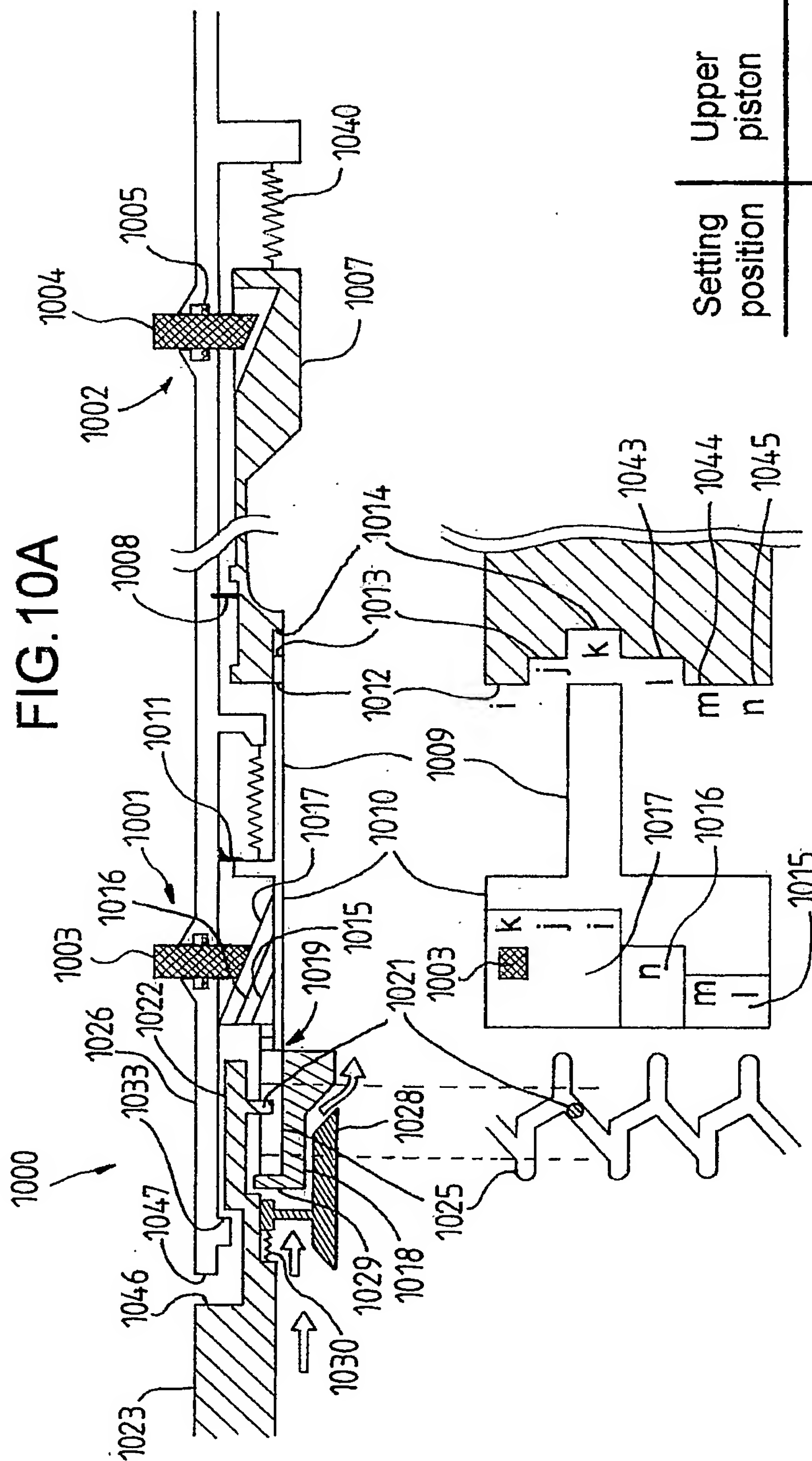


FIG. 9



Setting position	Upper piston	Lower piston
i	extended	extended
j	extended	middle
k	extended	retracted
l	retracted	middle
m	retracted	extended
n	middle	extended

FIG. 10E

10/20

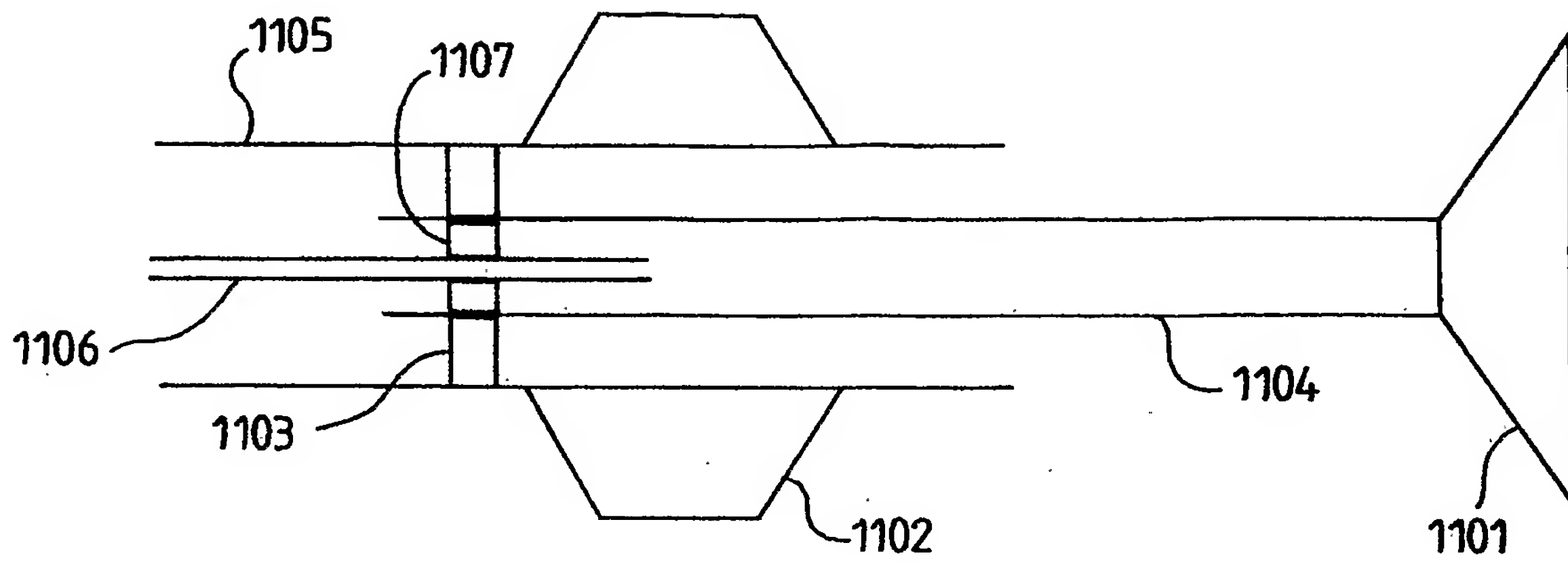


FIG. 11

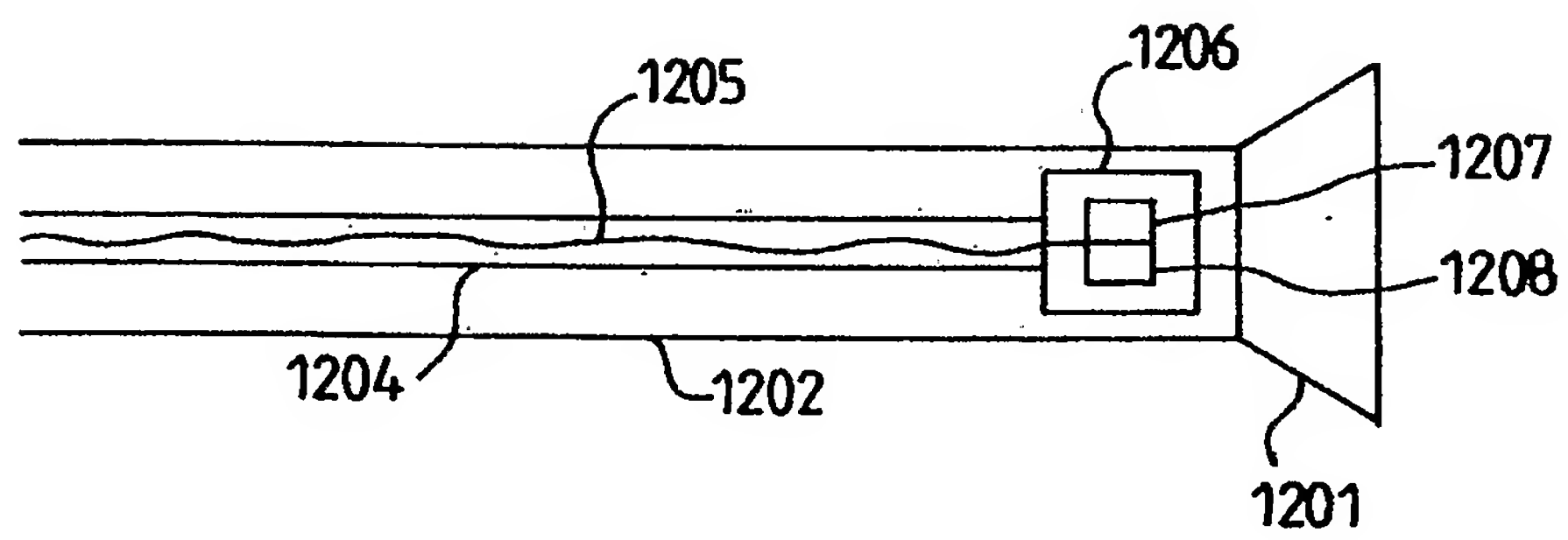


FIG. 12

11/20

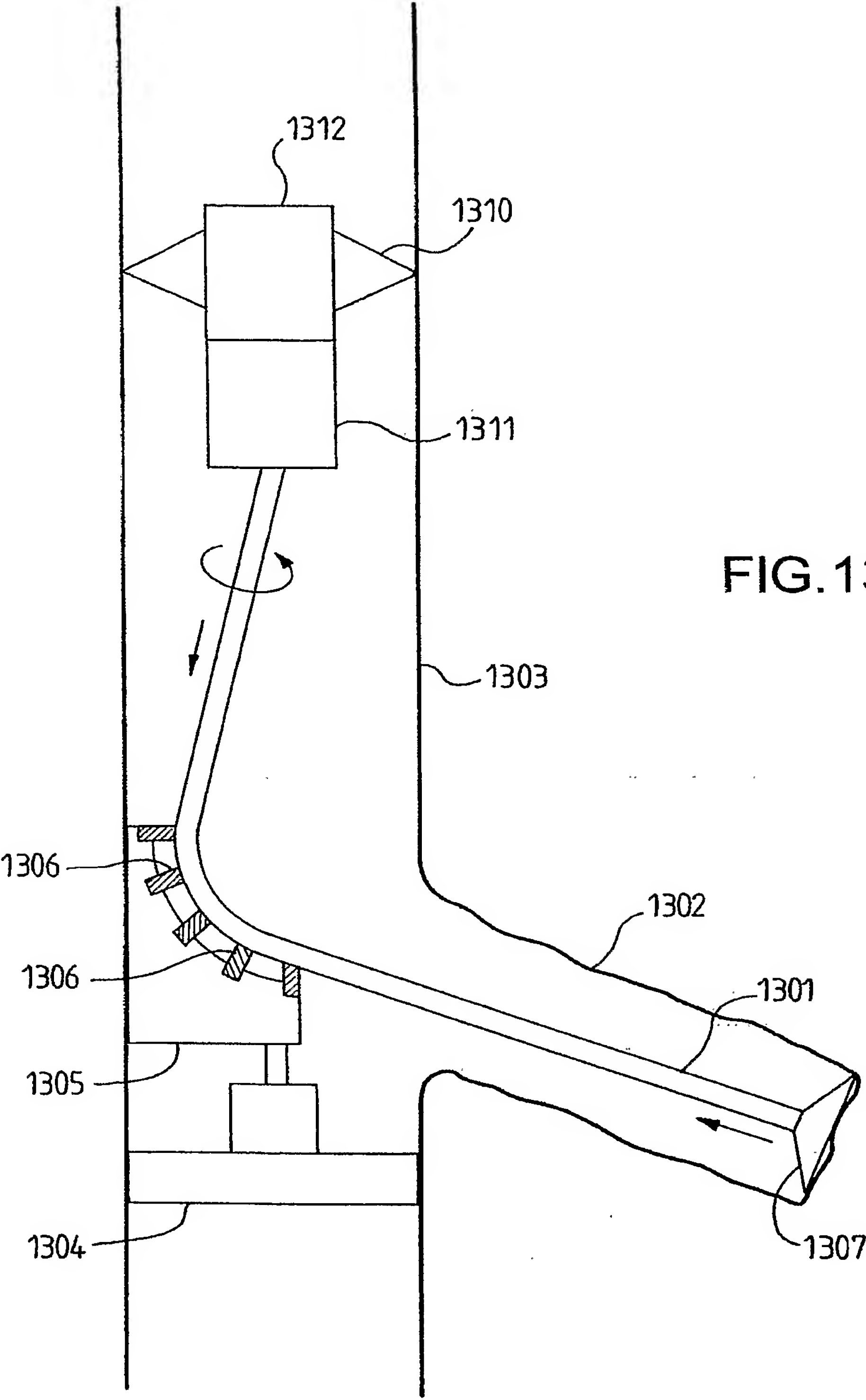


FIG. 13A

12/20

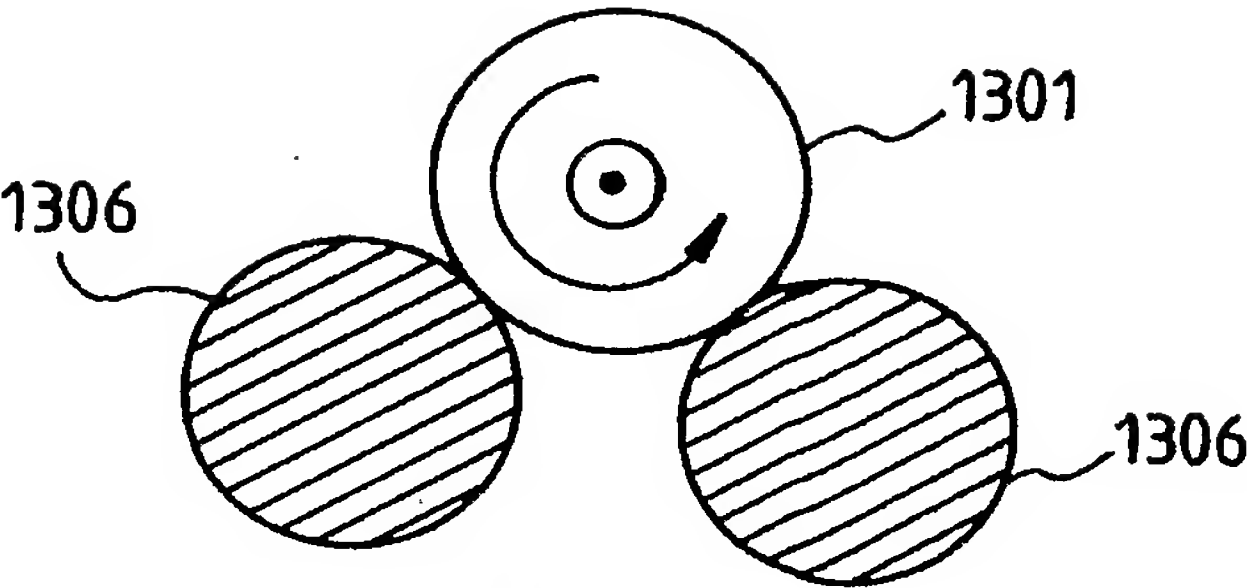


FIG. 13B

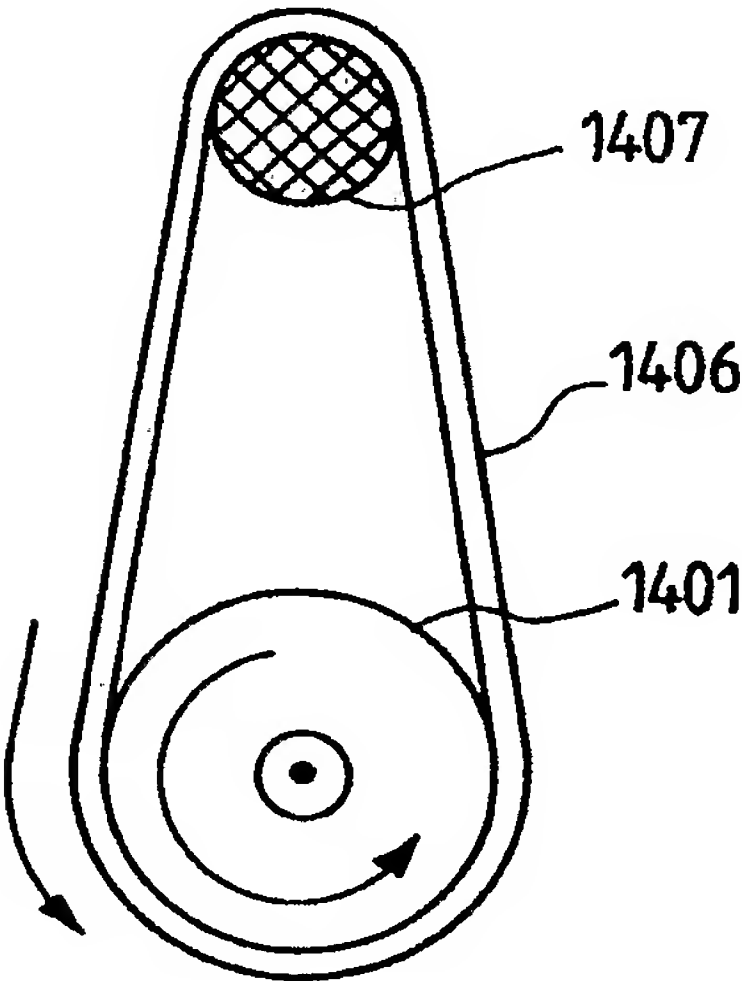


FIG. 14A

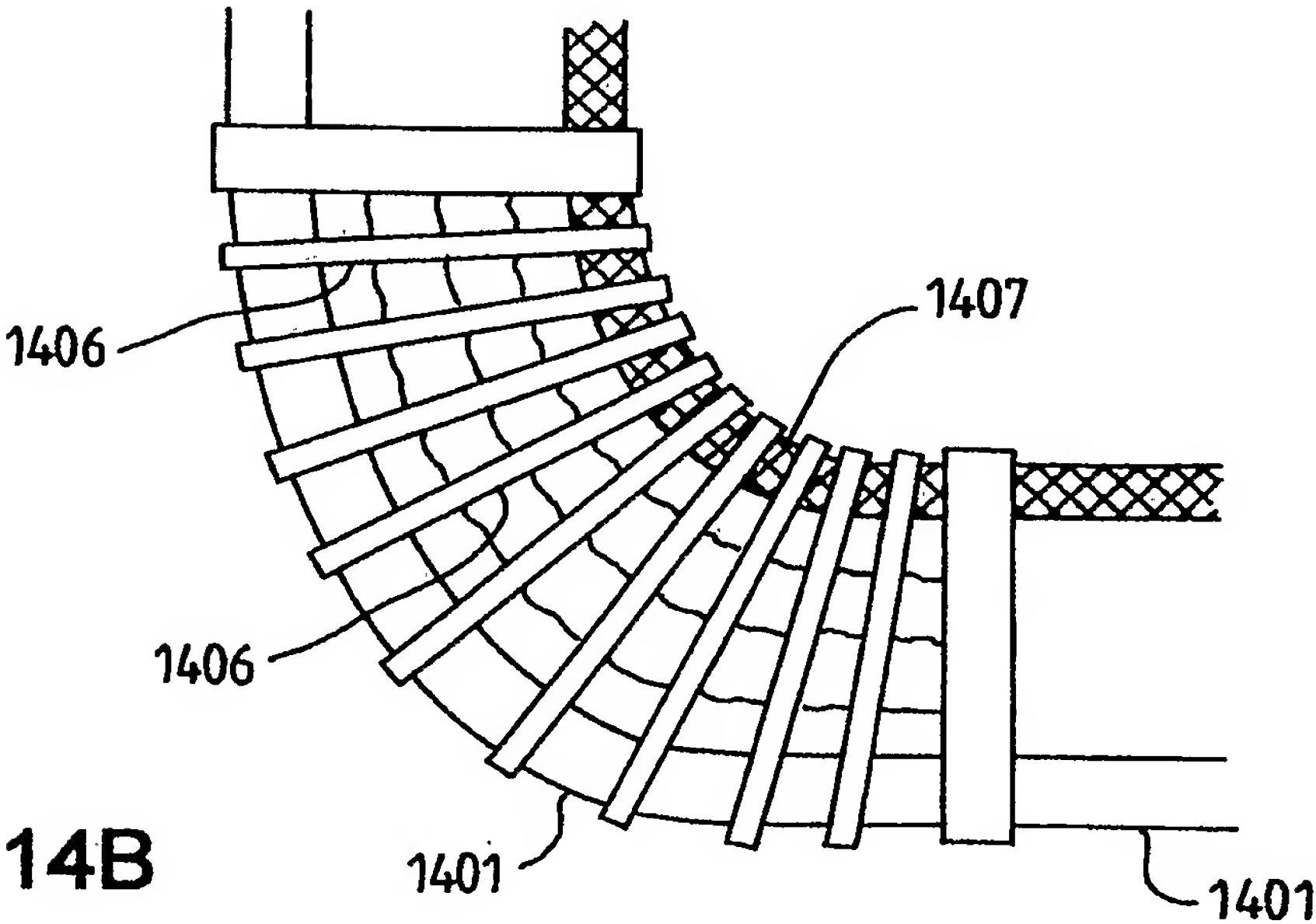


FIG. 14B

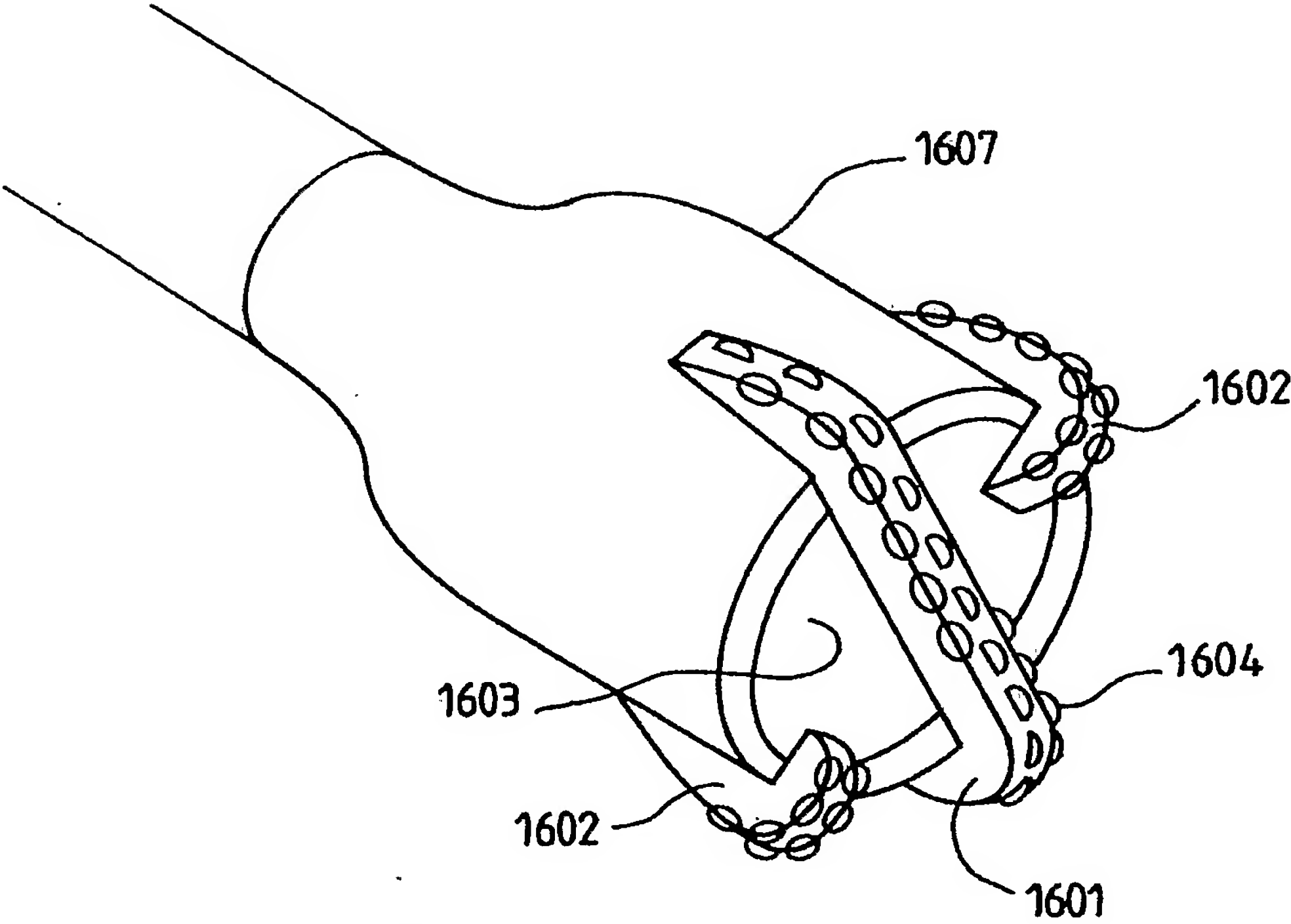
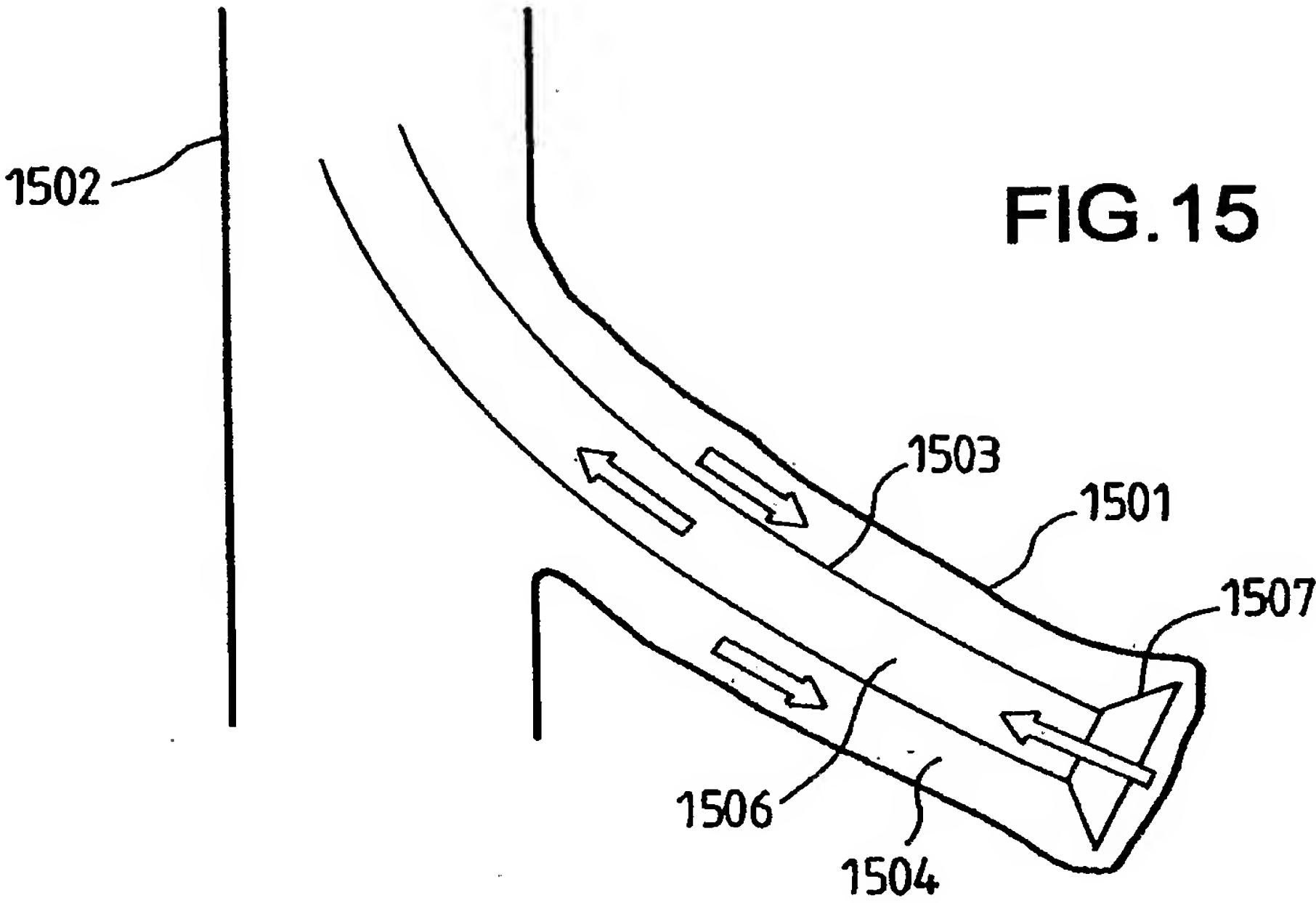


FIG.16

14/20

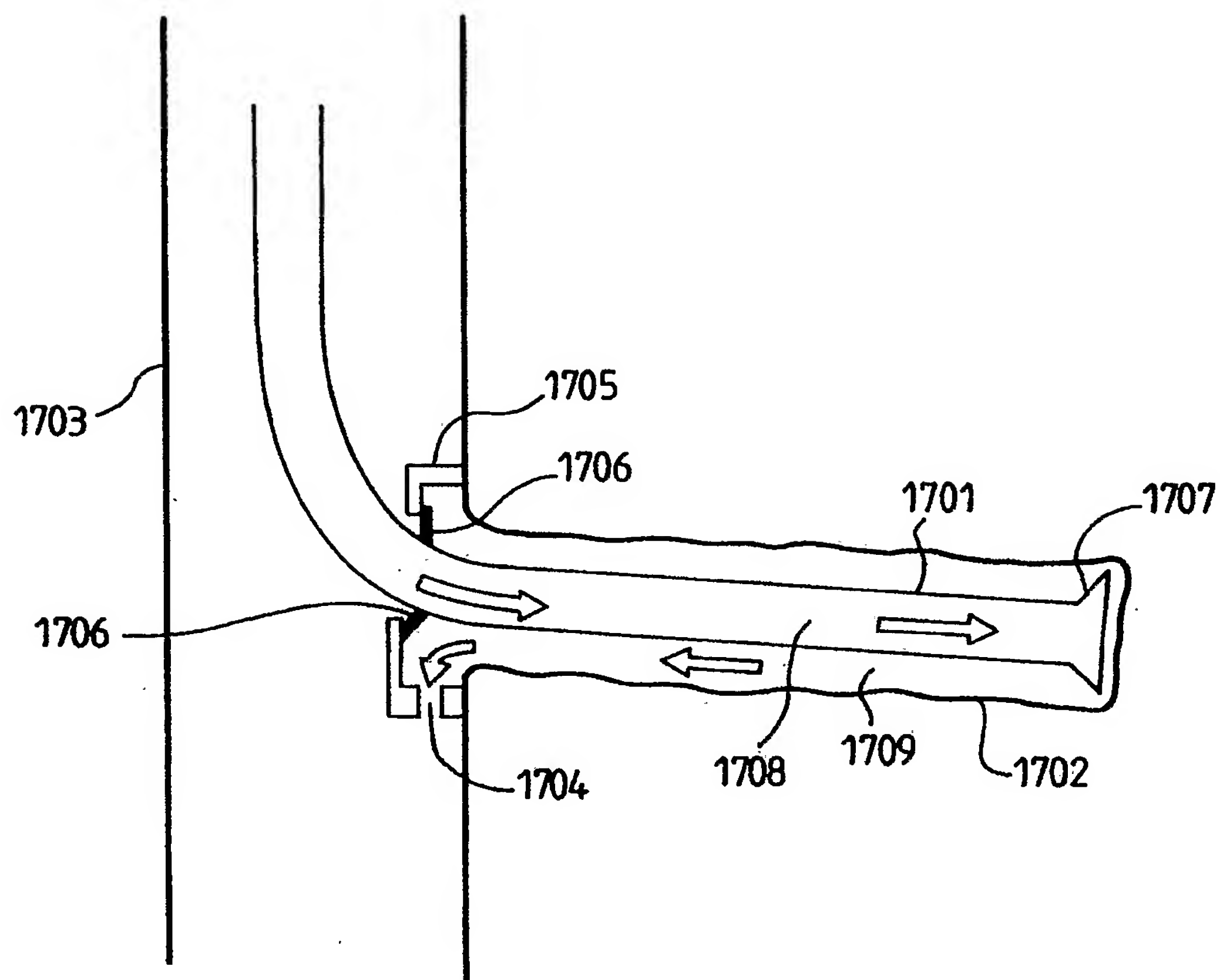
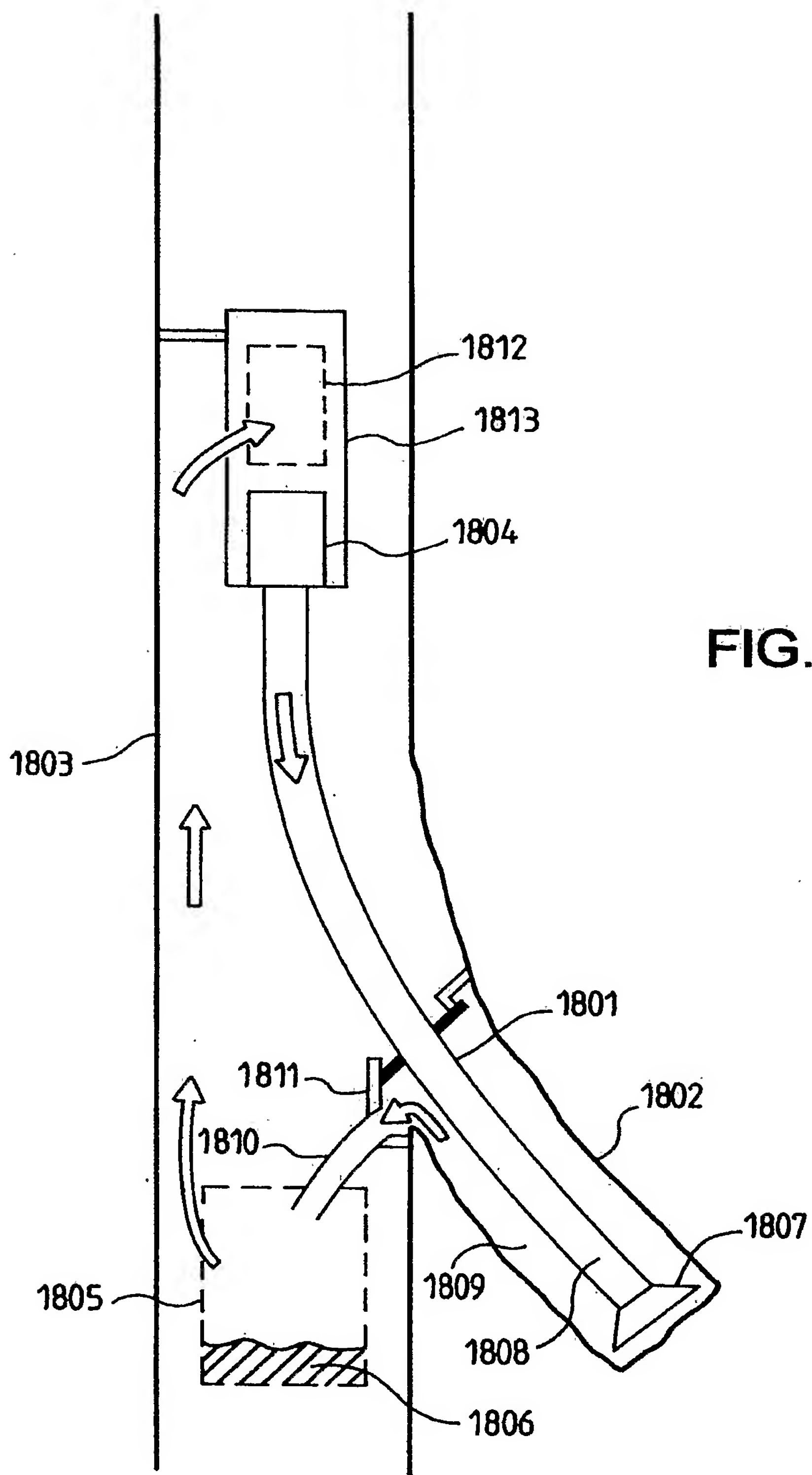


FIG.17

15/20



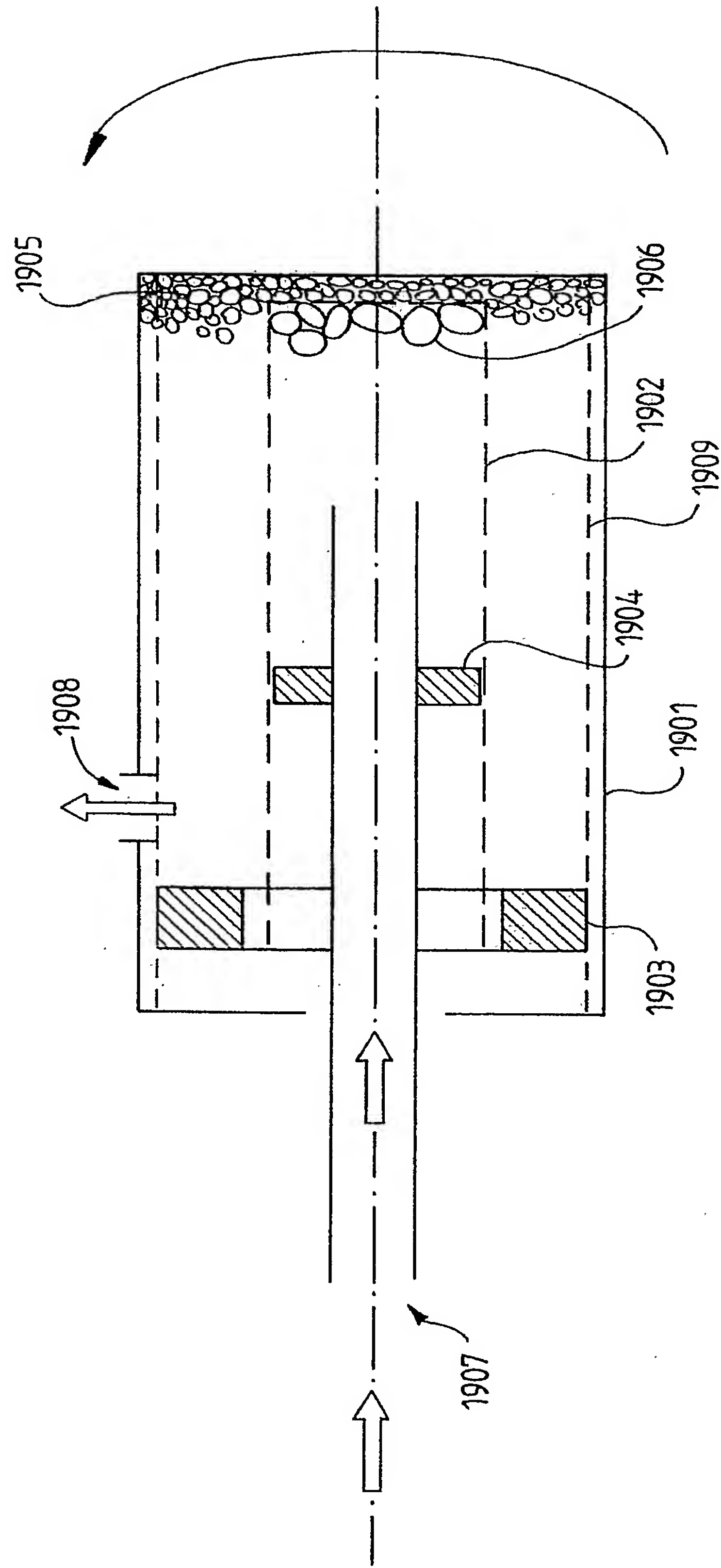


FIG.19

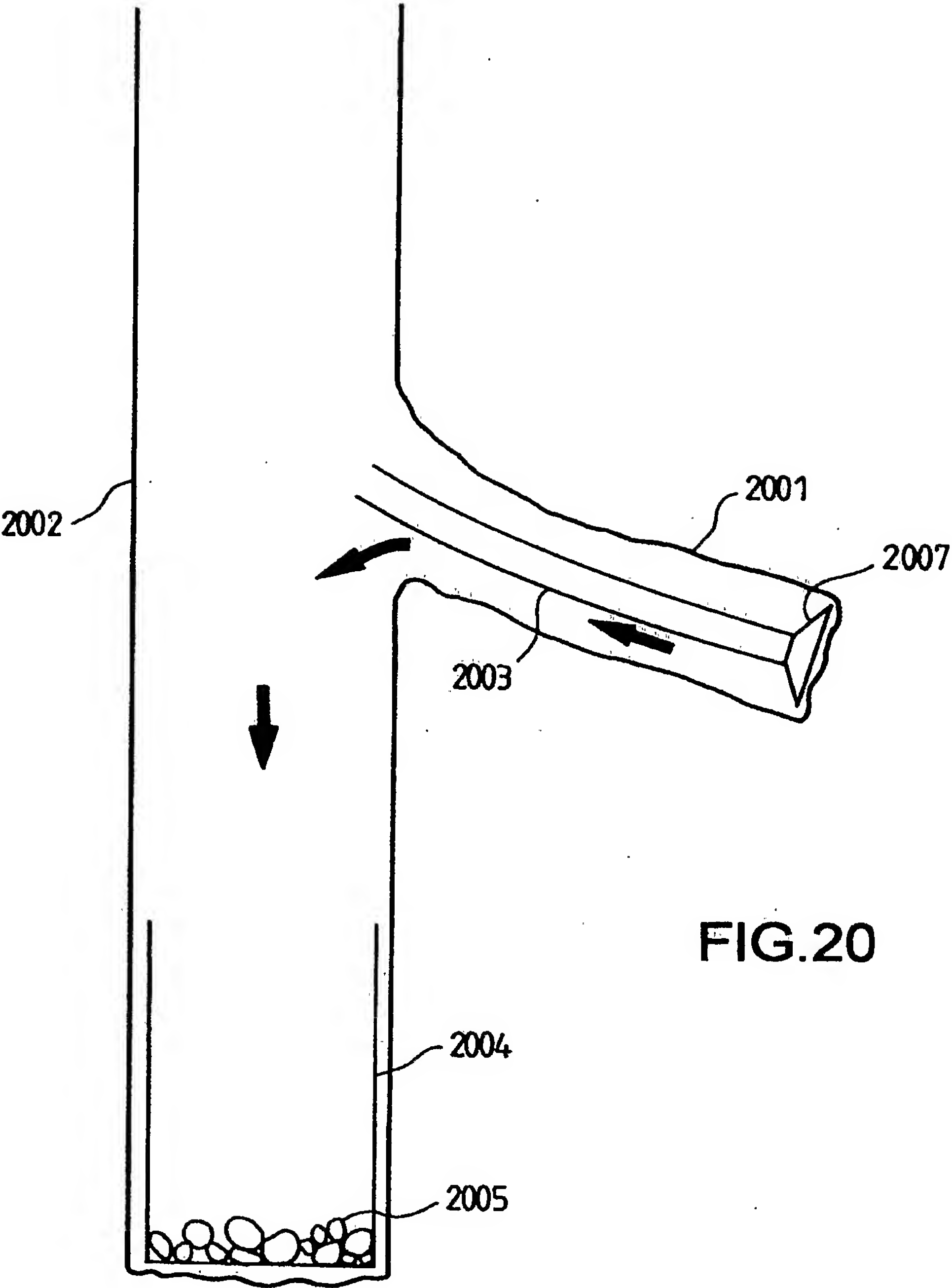
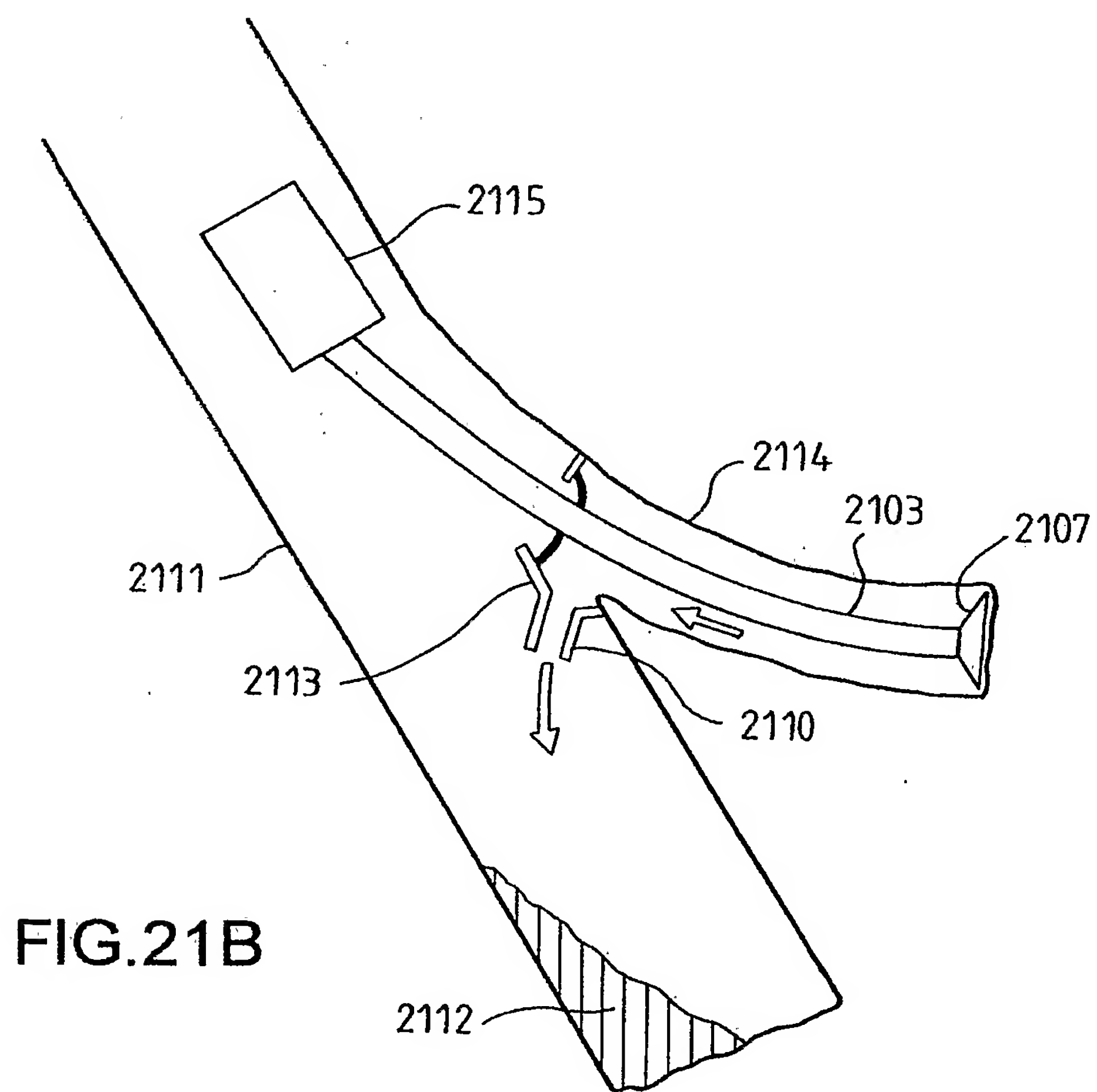
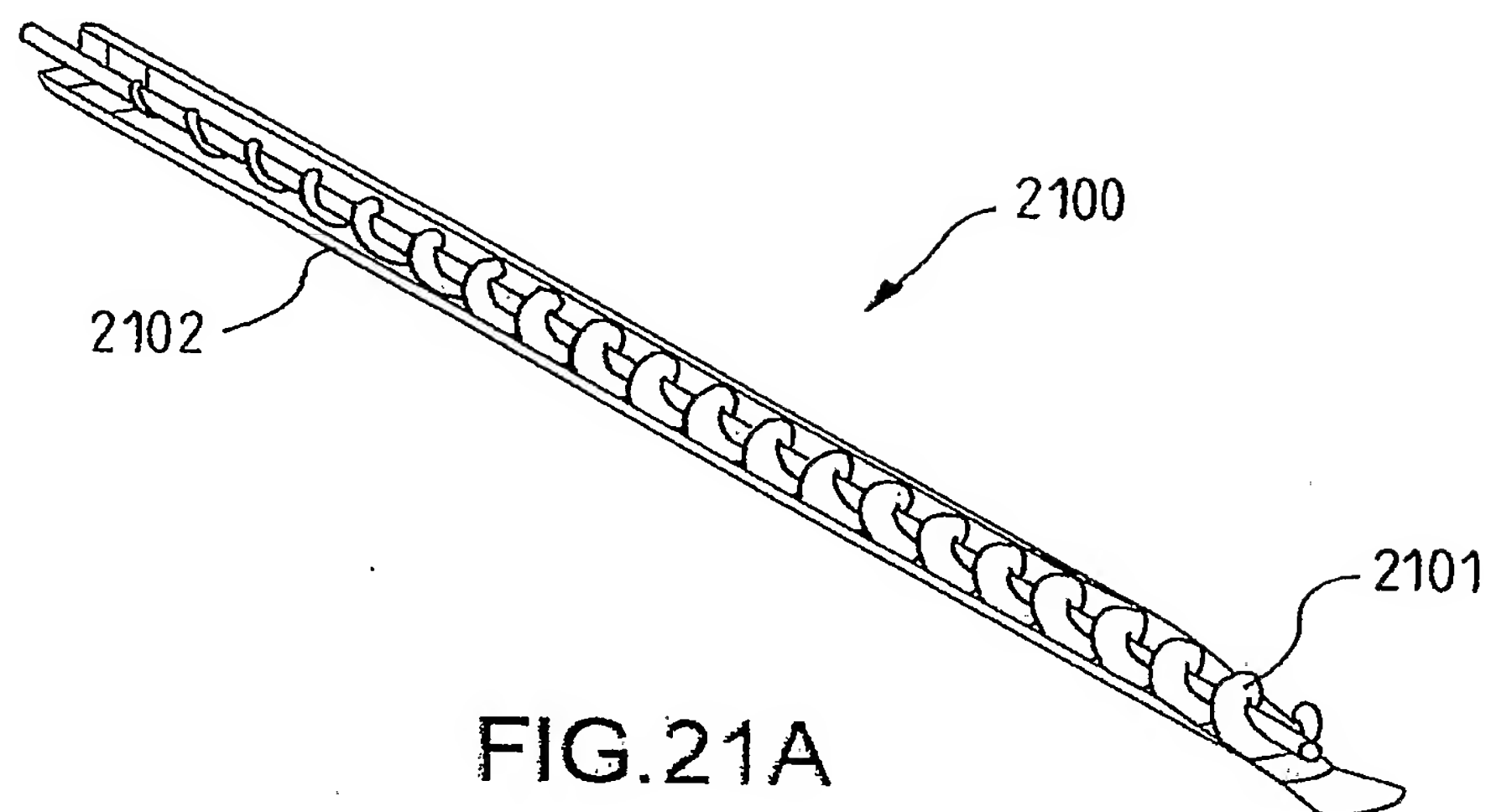


FIG.20

18/20



19/20

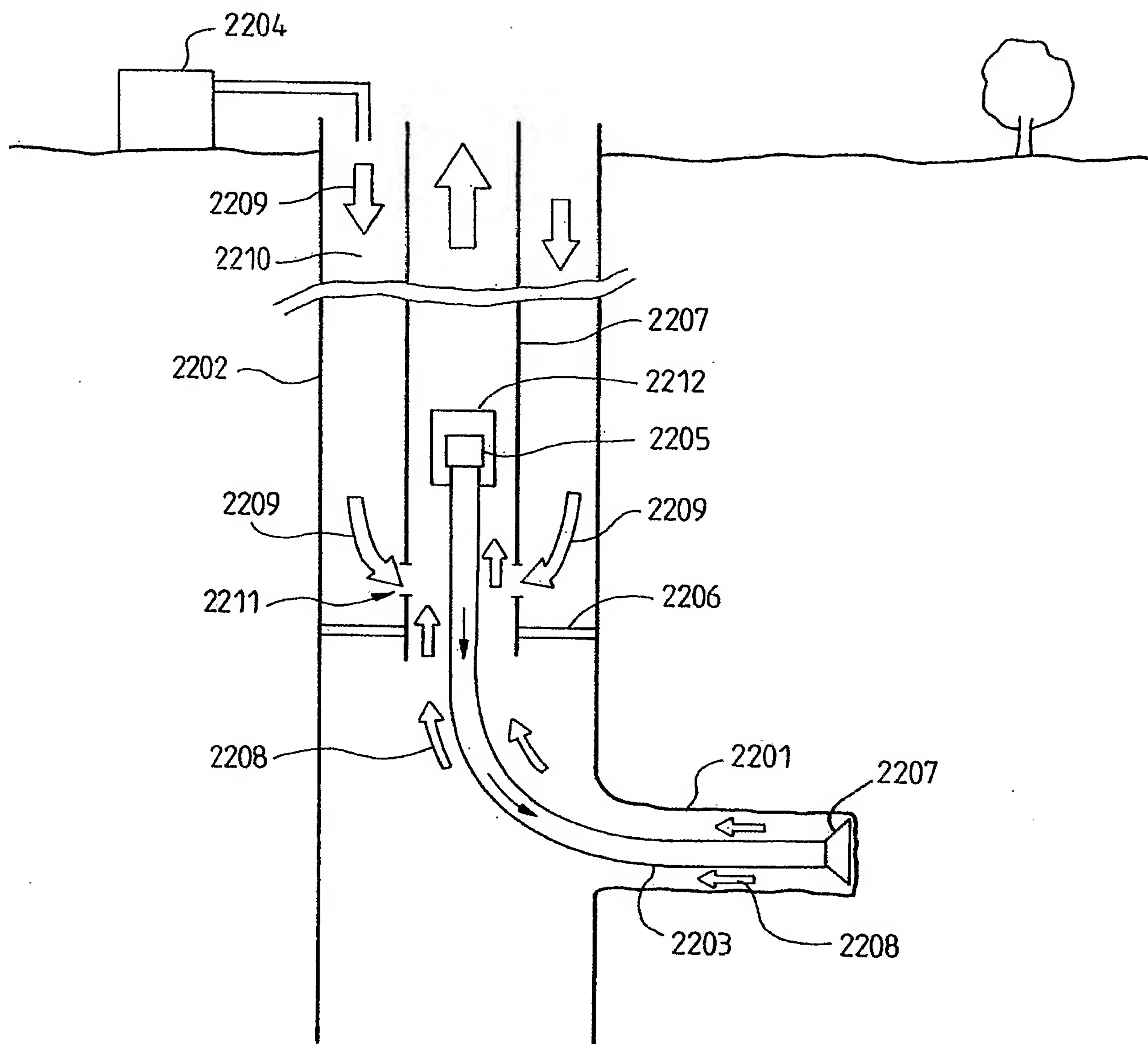


FIG.22

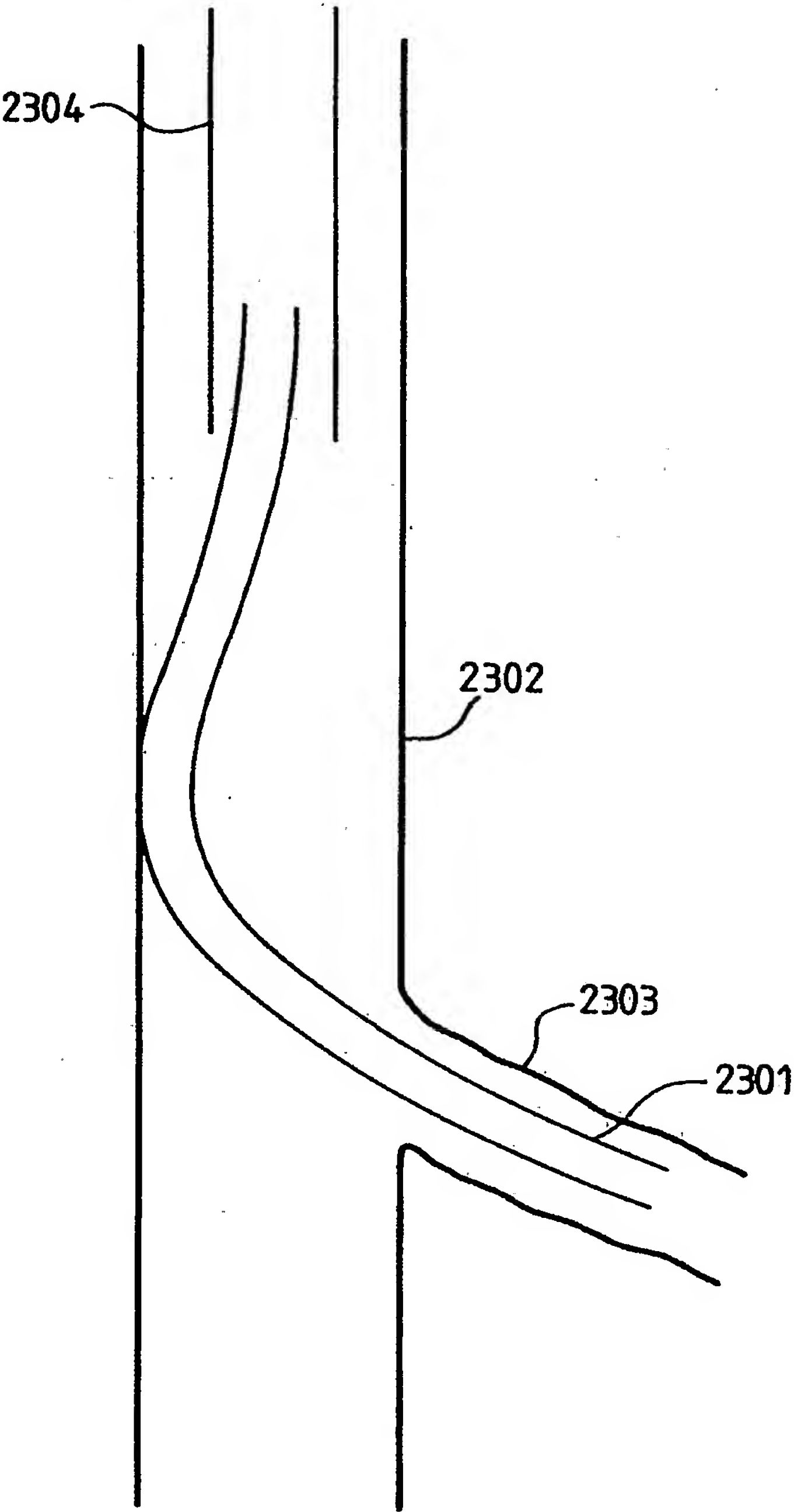


FIG.23